

ELECTRICAL HAZARDS

1757

(November 1991)

A competent electrician will do or supervise all electric wiring in buildings, and construction of either overhead or underground transmission lines.

Employees will not engage in work involving the electrical power hazards unless they are familiar with the hazards involved and take every necessary precaution to protect themselves and others from injury. Nor will department supervisors direct or allow employees to engage in such hazardous work unless they are assured that those employees are adequately trained and have taken all necessary precautions to protect themselves and others from injury.

Those employees who may engage in construction or repair of hazardous electrical power lines or equipment must be qualified electricians or knowledgeable of the electrical safety practices and the regulations set forth in General Orders of the California Public Utilities Commission and CCR, Title 8, Chapter 5, Electrical Safety Orders.

GROUND-FAULT CIRCUIT PROTECTION-- CONSTRUCTION SITE

1757.1

(November 1991)

For purposes of this section, a construction site is a place of employment where erection, demolition, modification, alteration, or excavation of a building, structure, or underground facility other than a mine, is being performed.

To protect employees on construction sites, ground-fault circuit interrupters specified in Section 1757.2 shall be used. These requirements are in addition to any other requirements for equipment grounding conductors.

EXCEPTION: An individual cord set, supplied from a receptacle on a 15- or 20-ampere branch circuit which is part of the permanent wiring of that building or structure, shall not be required to comply with CCR, Title Section 2405.4(c) or (d).

GROUND-FAULT CIRCUIT INTERRUPTERS

1757.2

(November 1991)

All 120-volt, AC, single-phase, 15- and 20-ampere receptacle outlets on construction sites which are not a part of the permanent wiring of the building or structure and which are in use by employees, must have approved ground-fault circuit interrupters.

[\(see next section\)](#)

[\(see HB Table of Contents\)](#)

[\(see Forms or Forms Samples\)](#)